

ABSTRACT

The present invention provides an aqueous heat-resistant coating composition comprising: (A) an aqueous carboxy-  
5 containing acrylic-modified epoxy resin dispersion obtained by neutralizing a carboxy-containing acrylic-modified epoxy resin with a basic compound and dispersing the neutralized resin in an aqueous medium; (B) an inorganic coloring pigment; and (C) a  
10 rust-preventive pigment. The present invention further provides a process for applying the same.